

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jeffrey R. LaFranchise, Vincent Palermo, and Charles M. Marshall  
Serial No.: Unassigned  
For: METHODS AND APPARATUS TO DETECT LOCATION AND  
ORIENTATION IN AN INDUCTIVE SYSTEM  
Filing Date: February 18, 2004  
Examiner: Unassigned  
Art Unit: Unassigned

22386 U.S. PTO  
10/782541

UTILITY PATENT APPLICATION TRANSMITTAL

Certificate of Express Mailing Under 37 C.F.R. §1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: **MAIL STOP: PATENT APPLICATION**, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on:

Date: February 18, 2004

By: Tammy L. Rosado  
(Typed or printed name of person mailing  
Document, whose signature appears below)

Express Mail Mailing  
Label No. EV 403754505 US

Signature: *Tammy L. Rosado*

**MAIL STOP: PATENT APPLICATION**  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is a patent application entitled:

**METHODS AND APPARATUS TO DETECT LOCATION AND ORIENTATION IN AN  
INDUCTIVE SYSTEM**

- 2 -

## Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

Jeffrey R. LaFranchise  
27 Barton Street  
Newburyport, MA 01950

Citizenship:

Vincent Palermo  
13 Stony Brook Road  
Westford, MA 01886

Citizenship:

Charles M. Marshall  
667 South Bradford Street  
North Andover, MA 01845

Citizenship:

Enclosed is/are:

- [x] Transmittal Letter including fee calculations (this form, 3 pages, in duplicate), Total Pages: 6;
- [x] REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i); Total Pages: 1;
- [x] Utility Patent Application Specification; 58 Claims (3 Independent, 55 dependent), Abstract of the Disclosure, Total Pages: 49;
- [x] Drawings: [ ] Formal, [ X] Informal (Figs: 1,2,3,4,5,6,7,8,9,10,11,12), Total Sheets: 12;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;

CLAIMS	Number Filed	Number Extra	Rate	Calculations
Total Claims	58-20 =	38	38x \$18	\$ 684.00
Independent Claims	3-3 =	0	0x \$86	\$ 0.00
Multiple Independent Claims			+ 290 =	\$ 0.00
BASIC FILING FEE =				\$ 770.00
Total of Above Calculations =				\$1,454.00
Assignment Recordation Fee =				\$ 40.00
TOTAL FEE FOR THIS PATENT APPLICATION =				\$ 1,494.00

- 3 -

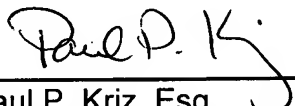
Please direct all telephone calls and address all correspondence to:

Barry W. Chapin, Esq.  
USPTO Registration No. 39,934  
Attorney for Applicant(s)  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
United States of America  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

By: \_\_\_\_\_

  
Paul P. Kriz, Esq.  
USPTO Registration No. 45,752  
Attorney for Applicant(s)  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
United States of America  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: AUR04-01

Dated: February 18, 2004

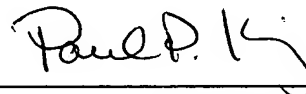
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	Jeffrey R. LaFranchise
	Title	METHODS AND APPARATUS TO DETECT LOCATION AND ORIENTATION IN AN INDUCTIVE SYSTEM
	Atty. Docket Number	AUR04-01

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

February 18, 2004

Date



Signature

Paul P. Kriz, Esq.

Type or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

**Burden Hour Statement:** This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 35 U.S.C. 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington DC 20231.**